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Notice of Allowability	Application No.	Applicant(s)	
	10/626,840	VAN DE BEEK ET AL.	
	Examiner	Art Unit	
	YOUNG T. TSE	2611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 22 February 2007.
2. ☒ The allowed claim(s) is/are 1-23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the abstract:

Line 4, the term "and the transmitter comprises" has been deleted; line 5, "a signal or a pulse format" has been changed to "the signal or the pulse format"; line 6, "quadrature values" has been changed to "quadrature component values,"; lines 8-9, "The transmitter comprises adders for defining" has been changed to "and adders for defining the"; line 10, "the quadrature" has been changed to "quadrature"; and line 11, "of in-phase" has been changed to "of the in-phase".

In the specification:

In paragraph [0003], line 2, "optical fibres" has been changed to "optical fibers" and paragraph [0037], line 1, "input 502 of the modulator" has been changed to "input of the modulator 502".

In the Claims:

In claim 1, lines 7, 9-10 and 10, "the quadrature" has been changed to "quadrature" and line 8, "format," has been changed to "format, and".

In claim 5, line 3, "the signal" has been changed to "the signal or".

In both claims 6 and 7, line 2, "data symbols" has been changed to "the data symbols" and line 3, "the quadrature values" has been changed to "quadrature component values".

In claim 8, line 1, "A method" has been changed to "The method" and line 6, "expression of the modulator." has been changed to "expression." See the amendment of claim 19 in order to avoid the antecedent basis of "the modulator".

In claim 10, line 2, "method of generating modulator output signal values is" has been changed to "multi-level modulation method is". See the amendment of claim 21.

In claim 12, lines 7, 10 and 10-11, "the quadrature" has been changed to "quadrature" and line 8, "format," has been changed to "format, and".

In both claims 17 and 18, line 2, "data symbols" has been changed to "the data symbols" and line 3, "the quadrature values" has been changed to "quadrature component values".

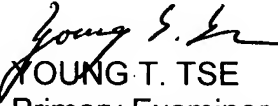
In claim 20, lines 2-3, "the system filter" has been changed to "a system filter" to avoid the antecedent basis of "the system filter".

In claim 23, line 5, "a signal or a pulse format" has been changed to "the signal or the signal format"; line 7, "define in-phase" has been changed to "define the in-phase"; line 8, "format," has been changed to "format, and"; line 9, "define modulator" has been changed to "define the modulator"; and lines 9 and 10, "the quadrature" has been changed to "quadrature".

Any inquiry concerning this communication or earlier communications from the examiner should be directed to YOUNG T. TSE whose telephone number is (571) 272-3051. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on (571) 272-2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


YOUNG T. TSE
Primary Examiner
Art Unit 2611